

1 prevent overwriting of the active memory and a non-volatile memory capable of
2 storing data for periods of at least 30 days or more.

3 8. A self-contained apparatus for the detecting and recording of vehicle
4 operating system data as claimed in claim 7 wherein said apparatus contains a re-
5 chargeable back-up battery system for the purpose of completing the transfer to
6 permanent file all operating data collected and recorded in active and cache
7 memory by the recording system in the event of the interruption of electrical power
8 either through the occurrence of an accident trigger event, or operator action.

9 9. A self contained apparatus for the detecting and recording of the kinetic
10 forces that act upon a vehicle during the occurrence of an accident trigger event
11 consisting of an electronic compass to provide a constant signal used to determine at
12 all times the vehicle heading,

13 the means of detecting and recording vehicle rollover further consisting of a
14 normally open tilt meter that would close only after the vehicle upon which
15 the apparatus is installed would reach or exceed a 90 degree tilt,

16 10. A self contained apparatus as claimed in claim 9 that calculates what type of
17 vehicle rollover had occurred by using the output of the electronic compass and the
18 output of the tilt meter as claimed in claim 9 to decide if a front to back rollover, a
19 side to side rollover, or a vehicle spin had occurred with

- 20 a. a vehicle spin being indicated by the rapid change in vehicle heading with out
21 activation of the tilt meter, and
22 b. a side to side rollover being indicated by activation of the tilt meter without
23 the corresponding change in vehicle heading, and
24 c. a front to back rollover being indicated by activation of the tilt meter with a
25 corresponding 180 degree change in vehicle heading.

26 11. A method and means to download and access the data recorded on the
27 recording device as claimed in claim 7 to any hand held or portable

~~A~~ 1 **computing device consisting of a readily accessible series connector and the**
2 **means and power source to activate the stored permanent memory for the**
3 **purpose of the file transfer.**
4

5 **REMARKS:**
6

7 By the above amendment, the applicant has canceled and substituted all of the rejected claims so as to
8 overcome the rejection and to define more particularly and distinctly the patentably of this invention over
9 prior art.

10
11 Also applicant has modified all of the drawings to overcome the deficiencies noted on form PTO-948
12

13 The rejection of claims 1 -6 under 35 U. S. C. 112 second paragraph. And 35 U.S.C 101 Claims 1-6 have
14 been rewritten as claims 7-11. Applicant request reconsideration of this rejection for the following reasons:
15

- 16 (1) Claims have been rewritten so as to claim only one statutory class of invention, that of an
17 apparatus.
18
19 (2) Claim 1 was rewritten as claim 7 incorporating the suggested editorial corrections contained
20 in the Office Action dated May 24, 2000 that limit this claim to the preferred embodiment and
21 more clearly define the 30 days of memory as a minimum value.
22
23 (3) Claim 2 was rewritten as claim 8 incorporating the suggested editorial corrections contained
24 in the Office Action dated May 24, 2000.
25
26 (4) Claim 3 and claim 4 were rewritten as claim 9 incorporating the suggested editorial
27 corrections contained in Office Action dated May 24, 2000
28
29 (5) Claim 5 was rewritten as claim 10 in proper dependant form incorporating the suggested
30 editorial corrections contained in Office Action dated May 24, 2000.
31
32 (6) Claim 6 was rewritten as claim 11 to define in a proper and definite manner the unique on
33 scene access capabilities that define the life saving nature of this invention.
34
35